

IN THE CLAIMS:

1 - 4. (Cancelled).

5. (New) A wide-angle constant-velocity joint comprising:

two forks forming the input and output members of the joint, each of said two forks having a spherical head at each respective distal end;

two spiders; and

a central core formed of two parts defining a cavity between two opposed walls, each formed by a corresponding one of said two parts, for sliding movement in a transverse plane of two substantially symmetrical constraint members forming respective seats for said spherical heads on the ends of said forks, said two constraint members being connected together, wherein a discoidal divider divides said cavity into two housings, each of said constraint members sliding between said discoidal divider and a corresponding one of said opposed walls of said cavity or a laminar ring that bears against each of said walls.

6. (New) A constant-velocity joint according to claim 5, wherein said two constraint members are joined together by two central protrusions that slide one inside the other, and said discoidal divider has a central window inside which said two central protrusions are able to move about.

7. (New) A constant-velocity joint according to claim 5, wherein said discoidal divider

is rigidly connected to said central core.

8. (New) A constant-velocity joint according to claim 6, wherein said discoidal divider is rigidly connected to said central core.

9. (New) A constant-velocity joint according to claim 5, wherein said discoidal divider is held peripherally between said two parts forming said central core, when said two parts are connected together.

10. (New) A constant-velocity joint according to claim 6, wherein said discoidal divider is held peripherally between said two parts forming said central core, when said two parts are connected together.

11. (New) A constant-velocity joint according to claim 7, wherein said discoidal divider is held peripherally between said two parts forming said central core, when said two parts are connected together.

12. (New) A constant-velocity joint according to claim 5, wherein communication holes for lubrication of said seats are formed between each said housing and said seat of said constraint member housed in said housing.

13. (New) A constant-velocity joint according to claim 6, wherein communication holes for lubrication of said seats are formed between each said housing and said seat of said constraint member housed in said housing.

14. (New) A constant-velocity joint according to claim 7, wherein communication holes for lubrication of said seats are formed between each said housing and said seat of said constraint member housed in said housing.

15. (New) A constant-velocity joint according to claim 5, wherein said two housings communicate through holes in said discoidal divider, to allow a supply of lubricating grease from a single grease nipple.

16. (New) A constant-velocity joint according to claim 5, wherein each of said constraint members has a discoidal shaped portion sliding in a guided manner between the corresponding surface of said discoidal divider and the respective one of said walls or corresponding said laminar ring.

17. (New) A constant-velocity joint according to claim 6, wherein said central protrusion of each constraint member is arranged centrally with respect to a corresponding discoidal shaped portion.

18. (New) A constant-velocity joint according to claim 16, wherein said central protrusion of each constraint member is arranged centrally with respect to a corresponding discoidal shaped portion.

19. (New) A wide-angle constant-velocity joint comprising:

two forks forming the input and output members of the joint, each of said two forks having a spherical head at each respective distal end;

two spiders, each of said two spiders supporting each of said two forks at a distance away from said respective distal end;

a central core formed by two parts with two opposed walls defining a cavity;

two substantially symmetrical constraint members being connected together and forming respective seats for receiving respective said spherical head, said symmetrical constraint members sliding in a transverse plane parallel to said opposed walls; and

a discoidal divider dividing said cavity into two housings, each of said constraint members sliding each of said two housings between said discoidal divider and a corresponding one of said opposed walls or a laminar ring that bears against said opposed walls.

20. (New) A constant-velocity joint according to claim 19, wherein said two constraint members are joined together by two central protrusions that slide one inside the other, and said discoidal divider has a central window inside which said two central protrusions are able to move about.

21. (New) A constant-velocity joint according to claim 19, wherein said discoidal divider is rigidly connected to said central core.

22. (New) A constant-velocity joint according to claim 19, wherein said discoidal divider is held peripherally between said two parts forming said central core, when said two parts are connected together.

23. (New) A constant-velocity joint according to claim 19, wherein communication holes for lubrication of said seats are formed between each said housing and said seat of said constraint member housed in said housing.

24. (New) A constant-velocity joint according to claim 20, wherein said central protrusion of each constraint member is arranged centrally with respect to a corresponding discoidal shaped portion.